

WE CLAIM:

1. A telecommunications device comprising:

a jack module having a front side and a back side, the jack module including:

a jack mount;

a plurality of jacks adapted to be mounted to the jack mount, the jacks including ports adapted for receiving plugs, the jacks including switches for contacting the plugs when the plugs are inserted within the ports, the ports being located at the front side of the jack module when the jacks are mounted to the jack mount;

a cross-connect array including termination structures located at the front side of the jack module;

an IN/OUT array including termination structures located at the front side of the jack module; and

a circuit board including a first portion located behind the jack mount, a second portion located behind the cross-connect array and a third portion located behind the IN/OUT array, the second portion of the circuit board being electrically connected to the termination structures of the cross-connect array, and the third portion of the circuit board being electrically connected to the termination structures of the IN/OUT array.

2. The telecommunications device of claim 1, wherein the jacks include conductive tails, wherein the jack mount includes sockets for receiving the conductive tails when the jacks are mounted to the jack mount, wherein the circuit board electrically connects the termination structures of the cross-connect array and the IN/OUT array to the

sockets, and wherein the sockets include contact members terminated at the first portion of the circuit board.

3. The telecommunications device of claim 1 or 2, wherein the termination structures include wire termination pins, wherein the wire termination pins of the cross-connect array have rear ends terminated at the second portion of the circuit board; and wherein the wire termination pins of the IN/OUT array have rear ends terminated at the third portion of the circuit board.

4. The telecommunications device of claim 1, wherein the switches are normal-through switches that normally provide a through electrical connection between the cross-connect array and the IN/OUT array.

5. The telecommunications device of claim 1, wherein the termination structures of the cross-connect array and the IN/OUT array are supported by a single-piece support structure.

6. The telecommunications device of claim 1, further comprising a monitor array including termination structures located at the front side of the jack module.

7. The telecommunications device of claim 6, wherein the circuit board includes a fourth portion located behind the monitor array, the fourth portion being electrically connected to the monitor array.

8. The telecommunications device of claim 6, wherein the termination structures of the cross-connect array, the IN/OUT array and the monitor array are supported by a single piece support structure.

9. A telecommunications device comprising:

a chassis having a front side;

a plurality of jacks mounted in the chassis, the jacks including ports adapted for receiving plugs, the jacks including switches for contacting the plugs when the plugs are inserted within the ports, the ports being located at the front side of the chassis;

cross-connect termination structures located at the front side of the chassis;

IN/OUT termination structures located at the front side of the chassis;  
and

a circuit board including a first portion located behind the jacks, a second portion located behind the cross-connect termination structures and a third portion located behind the IN/OUT termination structures.

10. The telecommunications device of claim 9, further comprising a jack mount in which the jacks are removably mounted, wherein the jacks include conductive tails, wherein the jack mount includes sockets for receiving the conductive tails when the jacks are mounted to the jack mount, wherein the circuit board electrically connects the cross-connect termination structures and the IN/OUT termination structures to the sockets, and wherein the sockets include contact members connected directly to the first portion of the circuit board.

11. The telecommunications device of claim 9 or 10, wherein the cross-connect termination structures and the IN/OUT termination structures include wire termination pins, wherein the cross-connect wire termination pins have rear ends connected directly to the second portion of the circuit board, and wherein the IN/OUT wire termination pins have rear ends connected directly to the third portion of the circuit board.

12. The telecommunications device of claim 9, wherein the switches are normal-through switches that normally provide a through electrical connection between the cross-connect termination structures and the IN/OUT termination structures.

13. The telecommunications device of claim 9, wherein the cross-connect termination structures and the IN/OUT termination structures are supported by a single-piece support structure.

14. The telecommunications device of claim 9, further comprising monitor termination structures located at the front side of the chassis.

15. The telecommunications device of claim 14, wherein the circuit board includes a fourth portion located behind the monitor termination structures, the fourth portion being electrically connected directly to the monitor termination structures.

16. The telecommunications device of claim 14, wherein the cross-connect termination structures, the IN/OUT termination structures and the monitor termination structures are supported by a single piece support structure.

17. The telecommunications device of claim 9, further comprising a front door including a first panel pivotally connected to the chassis and a second panel pivotally connected to the first panel.

18. The telecommunications device of claim 17, wherein the first panel is pivotally connected to a lower wall of the chassis by a first hinge, wherein the second panel is pivotally connected to a top edge of the first panel by a second hinge, and wherein the first and second hinges are horizontal.

19. The telecommunications device of claim 17, wherein the first panel is adapted to cover the IN/OUT termination structures and the second panel is adapted to cover the cross-connect termination structures.

20. The telecommunications device of claim 14, further comprising a front door including a first panel pivotally connected to the chassis and a second panel pivotally connected to the first panel, the first panel being sized to cover the IN/OUT termination structures and the monitor termination structures, and the second panel being sized to cover the cross-connect termination structures.

21. The telecommunications device of claim 17, further comprising a removable cable support tray mounted between the cross-connect termination structures and the IN/OUT termination structures.

22. The telecommunications device of claim 9, further comprising contacts accessible from the front of the chassis, the contacts including a sleeve ground contact, a voltage contact and a voltage return contact.

23. The telecommunications device of claim 22, wherein the voltage contact and the voltage return contact are located on a mounting flange of the chassis.

24. The telecommunications device of claim 22, wherein the sleeve ground contact is located on a mounting flange of the chassis.

25. A telecommunications device comprising:

a chassis;

a door for covering first and second portions of the chassis, the door including a first panel adapted to cover the first portion of the chassis and a second panel adapted to cover the second portion of the chassis, the first panel being pivotally connected to the chassis by a first hinge and the second panel being pivotally connected to the first panel by a second hinge.

26. The telecommunications device of claim 25, further comprising a first termination field located at the first portion of the chassis and a second termination field located at the second portion of the chassis.

27. The telecommunications device of claim 25, wherein the chassis includes top and bottom walls, and wherein the first hinge connects the first panel to the bottom wall of the chassis.

28. The telecommunications device of claim 26, further comprising a removable cable management tray mounted between the first and second termination fields.

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